

## **ERROR DETECTION IN CHEMICAL ARRAY FABRICATION**

5

## ABSTRACT OF THE DISCLOSURE

A method, apparatus, and computer program product, for forming an addressable array of chemical moieties on a substrate. The method may include, for each of multiple locations on the substrate, depositing a reagent drop set during a cycle so as to attach 10 a corresponding moiety for that location. This may be repeated as required, until the addressable array is formed. Test location are also formed by depositing drops from dispensers in a manner which can facilitate detection of dispenser errors.